रजिस्ट्री सं० डीएल—33001/95 REGISTERED No. DL—33001/99

भारत का राजपत्र
The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

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[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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PATENTS AND DESIGNS

Calcutta, the 14th January 1995

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पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कलकत्ता, दिनांक 14 जनवरी 1995

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार ज़ोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडी इस्टेट,
तीसरा तल, लोअर परेल (पश्चिम),
बम्बई-400013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य
क्षेत्र एवं संघ शासित क्षेत्र गोआ, दमन तथा
दीव एवं दादरा और नगर हवेली ।

तार पता—"पेटोफिस"

पेटेंट कार्यालय शाखा,
एकक सं 401 से 405, तीसरा तल,
नगरपालिका बाज़ार भवन,
सरस्वती मार्ग, करोल बाग
नई दिल्ली-110005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों
एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।

तार पता—"पेटेंटोफिक"

पेटेंट कार्यालय शाखा,
61, वालाजाह रोड,
मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य
क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप,
मिनिकाय तथा एमिनिदिवि द्वीप ।

तार पता—"पेटोफिस"

पेटेंट कार्यालय (प्रधान कार्यालय),
निज़ाम पैलेस, द्वितीय बहुतलीय कार्यालय,
भवन 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700020 ।

भारत का अवशेष क्षेत्र ।

तार पता—"पेटेंट्स"

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन-पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे ।

शुल्क :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा डाक आदेश या जहां उपयुक्त कार्यालय अवस्थित है; उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है ।

CORRIGENDUM

In the Gazette of India, Part-III, Sec. 2, dated the 11th June, 1994 page 512, Col.-2 *read* the application for patent No. 196/Bom/91 *instead* of 109/Bom/91.

APPLICATION FOR PATENT FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crecent branch are the dated claimed under Section 135, of the Patent Act, 1970.

1st November 1994

908/Cal/94. Hans Oetiker Ag Maschinen-und Apparatefabrik. Earless, Stepless clamp structure.

909/Cal/94. Siemens Aktiengesellschaft. Gas Valve.

2nd November 1994

910/Cal/94. Hoechst Aktiengesellschaft. On-line control and analysis of industrial synthesis and dyeing processes using UV/VIS spectroscopy and multicomponent analysis.

911/Cal/94. Glitsch. nc. Process to recover Benzene from mixed Hydrocarbons.

912/Cal/94. F F Seeley Nominees Pty. Ltd. Air Cooler filter pad arrangement.

913/Cal/94. Chuan-Tien Cheng. and Wu-Chen Chuang. Improvement in the reed frame structure for weaving machine having magnetically-propelled shuttle.

914/Cal/94. Harnischfeger Corporation. Weld Joint Container.

4th November 1994

915/Cal/94. Sudip Kumar Dutta. An Electrical Heating Device operating on electrolysis of water.

916/Cal/94. MPR Associates. Inc. Method and apparatus for repairing boiling water reactor shrouds.

917/Cal/94. Alexander Vasil'Evich Gurinov, Vladimir Nikolayevich Kostritsa. Igor' Vladimirovich Petrov, and Valeryi Fvodorovich Sukhostavets. Method and appratus for torch working materials.

918/Cal/94. Commonwealth Scientific and Industrial Research Organisation and QMC (Magnesium) Pty. Ltd. Anhydrous Magnesium Chloride.

7th November 1994

919/Cal/94. Swapan Kumar Chattopadhyay. Novel Compositions Containing a metallic sol-gel and useful as a bonding agent.

920/Cal/94. Paques B.V. Method and device for the anaerobic fermentation of solid organic waste materials.

921/Cal/94. Westinghouse Electric Corporation. Improvements in or relating to gas turbine vane cooling system.

7th November 1994

922/Cal/94. Westnighouse Electric Corporation. System for controlling combustion in a gas combustion-type Turbine.

923/Cal/94. Westinghouse electric Corporation. Improvements in or relating to gas turbine blade alloy.

924/Cal/94. Indian Association for the Cultivation of science Energy Research Un t. A novel combination of plasma enhanced chemical vapour depostion and heated filament for the deposition of thin solid films.

825/Cal/94. Krone Aktiengesellschaft. Coupling device between a glass fibre and a dielectric waveguide.

926/Cal/94. Daewoo Electronics Co., Ltd. Thin film actuated Mirror array for use in an optical projection system and method for the manufacture thereof.

927/Cal/94. Virintelligent (BVI) Limited and Terence Leslie Johnson. Liquid crystal display. (Convention No. 9322948.2; dated 8/11/93; United Kingdom).

928/Cal/94. Goldstar Co. Ltd. Device for preparation and supply of Hexagonal water.

8th November 1994

929/Cal/94. Saint-Gobain Vitrage. Process for the production of a laminated glass glazing having metal wires in the intermed.ate thermoplastic layer.

930/Cal/94. Deutsche Thomson-Brandt GmbH. Rom-Ram Disk.

931/Cal/94. Applexion. Process of manufacturing crystal sugar from an aqueous sugar juice such as cane juice or sugar beet juice.

9th November 1994

932/Cal/94. Leo One IP.L.L.C. Optimal converage satellite system.

933/Cal/94. Siemens Aktiengesellschaft. Image Creation system for a technical process, and a test method for checking such a system.

934/Cal/94. Goldstar Co. Ltd. Method for Controlling Concentrated Heating/Cooling operation in a invertible air conditioner.

935/Cal/94. Vishnu Kumar Kheria. New Foldable safety Razor.

10th November 1994

936/Cal/94. Staedtler & UHL. Feed Comb Arrangement.

937/Cal/94. Ph llips Petroleum Company. Monovinyl Aromatic/conjugated diene copolymers and method of preparation.

938/Cal/94. H D Plastics Limited. Sealable bags and other containers. (Convention Nos. 9323375.7, 9324009.1; dated 12-11-93, 22-11-93; United Kingdom).

10th November 1994

939/Cal/94. Goldstar Co. Ltd. Device for fixing heat exchanger of air conditioner.

940/Cal/94. Goldstar Co. Ltd. Device for preventing vibration of wind direction control blades of air conditioner.

11th November 1994

941/Cal/94. GPT Limited. High-speed digital subscriber lines. (Convention No. dated 11th November, 1993 in U.K.)

942/Cal/94. Aarti Healthy Wealthy Happy Life Co. (Pvt.) Ltd. A Novel Mattress.

943/Cal/94. Aarti Healthy Wealthy Happy Life Co. (Pvt.) Ltd. A Novel pillow.

944/Cal/94. Aarti Healthy Wealthy Happy Life Co. (Pvt.) Ltd. A Novel Quilt.

945/Cal/94. H D Plastics Limited. Sealable bags and other containers. (Convention No. 9323375.7 dated 12-11-93 in United Kingdom, Convention No. 9324009.1 dated 22-11-93 in United Kingdom.)

946/Cal/94. Goldstar Co. Ltd. Deodorizing device for refrigerator.

947/Cal/94. Siemens Aktiengesellschaft. Method and device for analysing a diagnosis of a service ability state of a technical system.

948/Cal/94. Hannelore Binsmaier nee Gallin-Ast. A modular power station for the production pr marily of hydrozen from solar energy and a method of generation electric energy.

14th November 1994

949/Cal/94. Hans Oetiker Ag Maschinen-und Apparatefabrik Self Tightening Clamp structure.

950/Cal/94. Alden T. Gibbs. Slate mounting assembly.

951/[illegible] Johnson Electric S.A. Fotor for a miniature [illegible]otor. (Convention No. 9323614.9 dated 16-11-93 [illegible]eat Britain.)

15th November 1994

952/[illegible] [illegible]iser Textilmaschinen Gesellschaft Mit Beschränkter Haftung. External Double-jaw brake [illegible]r a spinning machine.

953/Cal/94. Indian Jute Industries' Research Association. Spring-loaded back-rest for conven.ional jute loom.

954/Cal/94. Callway Golf Company. Golf Club Heads.

16th November 1994

955/Cal/94. Daewoo Electronics Co. Ltd. Array of thin film actuated mirrors for use in an optical projection system and method for the manufacture thereof.

956/Cal/94. Autorobot Finland Oy. Equipment and method in veh.cle alignment work.

957/Cal/94. Dow Corning S.A. Process for polymerisation. (Convention No. 9325342.5 dated 10-12-93 in United Kingdom).

958/Cal/94. Commonwealth Scientific and Industrial Researcht Organisation. A Bidirectional Amplifier. (Convention No. PM2445 dated 16-11-93 in Australia.)

959/Cal/94. Om Chandra Kafley. Kafleys process for denicotinising tobacco leaves for the manufacture of denicotinised cigarettes and o her items of smooking, snuffing and chewing tobacco.

17th November 1994

960/Cal/94. Hydra Tools International Plc. Mining Machine etc. (Convention No. 9323945.7 dated 20-11-93 in Great Britain.)

961/Cal/94. Seiko Telecommunication Systems Inc. Group message delivery in a time-division multiplexed paging system.

962/Cal/94. GMZ Holding Company. Disposable toothbrush having min' flavored toothpaste composition bonded to bristles thereof.

963/Cal/94. Goldstar Co. Ltd. Thermal Insulation material foam.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-600 002

17th October 1994

991/Mas/94. Pppinangady Vardarayana Nayak. A safety razor particularly for razor head having single edged blade/s.

992/Mas/94. The Central Institute of Fisheries Technology. Production of fine grade absorbable surgical su.ures from fish gut collagen.

993/Mas/94. WM, Wringley Jr. Company. Continuous gum base manufacture using sequential mixers.

994/Mas/94. BASF Aktiengesellschaft. Vat dyes.

995/Mas/94. Societe Des Produits Nestle S.A. A process for the production of instant black tea.

996/Mas/94. Wm Wrigley Jr. Company. Continuous gum base manufacture us.ng double paddle mixing.

997/Mas/94. Akzo Nobel M.V. and Fina Research S.A. Hydrocracking and hydrodewaxing process.

998/Mas/94. The Dow Chemical Company. Process for producing a high molecular weight epoxy resin.

999/Mas/94. Lapunow, Michael Grigorjewitsch, Abramow, Walerie Iwanowitsch and Sommerfeld. Process for producing petrol of high octane number by-catalytic reforming and also a reactor carrying out the process.

1000/Mas/94. The South India Textile Research Association and M/s. Jayalakshmi Engineering Manufacturers (P) Limited. Draw frame for sandwich blending of fibres, method of sandwich blending and drawing fibres therewith and fibres drawn thereby.

18th October 1994

1001/Mas/94. Maschinenfabrik Rieter AG. Web Guide device, disposed in a combing machine between a pair of detaching rollers and a pair of deliver rollers.

1002/Mas/94. ELF Atochem SA. Process for the purification of 1, 1, 1 2-tetrafluoroethane.

1003/Mas/94. Sollac. Machine for removing burrs from slabs issuing from a continuous casting installation and rotor employed in th.s type of burr-removing machine.

1004/Mas/94. Zimmermann & Jansen GMBH. A double disk wedge valve. [Divided out of No. 276/Mas/91, Anti-dated to 8-4-91.]

1005/Mas/94. Lilly London, Inc. Ammonia-free deposition of copper by disproportionation.

1006/Mas/94. Institut Francais Du Petrole. Process for the improved production of middle distillates jointly with the production of high viscosity oils with high viscosity indices from heavy petroleum cuts.

1007/Mas/94. Hoechst Aktiengesellschaft. Aqueous dispersion of fluoropolymers, its preparation and use for coatings.

1008/Mas/94. Kabushiki Kaisha Kobe Seiko Sho. Lubricant and method of manufacturing briquette using the same.

1009/Mas/94. Biochlor (Proprietary) Limited. The metering of liquids.

19th October 1994

1010/Mas/94. Cadbury Schweppes Plc. Process for manufacture of reduced fat and reduced calorie chocholate. (October 20, 1993 Great Britain.)

1011/Mas/94. J M Huber Corporation. Cost effective dental compositions containing novel sodium aluminisi-l.cates.

1012/Mas/94. BASF Aktiengesellschaft. Purification of indigo.

1013/Mas/94. Exergy Inc. Method and apparatus for converting heat from Geothermal liquid and Geothermal steam to electric power.

1014/Mas/94. Eastland Technology Australia Pty. Ltd. Syringe or liek parenteral device. (October 26, 1993 Australia.)

20th October 1994

1015/Mas/94. Anita Das Ravindranath and Dr. U. S. Sarma. Reducing the period of rett ng of coconut husks and upgrading the quality of unretted green husk coir fibre.

1016/Mas/94. A. K. Technical Laboratory, Inc. Method for injection stretch blow molding of polyethylene.

1017/Mas/94. Alpha Research Laboratories (P) Ltd. and Kaemia Industries Ltd. Novel Speaker System.

21st October 1994

1008/Mas/94. Chellamma Gnanapurakasam Johnrose and Kamalabai Russel Rajeev. Johnrose and Rajeev's Law of energy creation.

1019/Mas/94. Institute Francias Du Petrole. Fluid aging mon'toring device.

1020/Mas/94. Tulip Bay Pty. Ltd. Monitoring apparatus.

ALTERATION OF DATE UNDER SECTION 16

174599
(374/Cal/92) antedated to 29th January, 1991.

174600.
(376/Cal/92) antedated to 29th January, 1991.

PRINTED SPECIFICATION PUBLISHED

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(1)

162541	162542	162543	162544	162545	162546	162547
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162645	162646	162647	162648	162649	162650	162651
162652	162653	162654	162655	162656	162657	162658
162660	162661	162662	162663	162664	162665	162666
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162674	162675	162676	162677	162678	162679	162680

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The classifications given below in respect of each specification are according to Indian Classification and International Classification.

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्द्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार(4) महीने या अधिक ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत् विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकस्व को उपयुक्त कार्यालय को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं । विरोध संबंधी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथाविहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, आकाश वर्गीकरण तथा अंतर-राष्ट्रीय वर्गीकरण के अनुरूप हैं ।"

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हो, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अदायगी पर की जा सकती है । विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है ।

Ind. Cl. : 172 C4 174571

Int. Cl.[4] : D 01 H 5/18.

A DRAFTING DEVICE FOR SPINNING MACHINE.

Applicant : MASCHINENFABRIK RIETER AG, A BODY CORPORATE ORGANISED UNDER THE LAWS OF SWITZERLAND, OF WINTERTHUR, SWITZERLAND.

Inventor : RUDOLF WEHRLI.

Applicantion No. 433/Mas/89 filed on 1st June 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

5 Claims

A drafting device for a spinning machine comprising a delivery roller pair defining a converging space, a roller and apron unit preceding said delivery roller pair in the direction of flow of fibres and a fibre guiding element disposed between the delivery roller pair and the roller and apron unit.

(Compl. Specn. 15 pages; Drwg. 5 sheets.)

Ind. Cl. : 114-F 174572

Int. Cl.[4] : C 14 C 15/00.

APPARATUS FOR TREATING A HIDE WITH A CHEMICAL TREATMENT FLUID.

Applicant : TANNING TECHNOLOGIES PTY. LTD., INCORPORATED IN SOUTH AUSTRALIA, OF 6, MONTROSE PLACE, BEAUMONT, 5066, SOUTH AUSTRALIA, AUSTRALIA.

Inventor : COLIN CHARLES ANDERSON.

Application No. 467/Mas/89 filed June 14, 1989.

Convention date : June 15, 1988; (No. PI 8722; Australia).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

13 Claims

Apparatus for treating a hide (10) with a chemical treatment fluid which is applied to the hide, the hide when spread out to lie in a plane having a longitudinal dimension and a transverse dimension and a centre line (20) extending along the length thereof in said longitudinal dimension, the apparatus comprising :

Stretching means (11) for stretching the hide (10) so as to simultaneously extend the hide in both the longitudinal dimension and the transverse dimension and thereby render the hide in a stretched condition, the hide in said streched condition being extended in both the longitudinal and transverse dimentions to an extent sufficient to open the hide structure and promote penetration of said chemical treatment fluid into the hide as a result of the opening of the hide structure,

said stretching means comprising engagement means (14, 15, 40, 41) to engage the hide at a plurality of engagement points having multiple engagement points spaced apart and located on opposite transverse sides of said centre line (20) and multiple engagement points which are spaced apart in the longitudinal dimension, said multiple engagement points being dispersed throughout the entire surface area of the hide, said stretching means being operative to apply stretching forces to the hide at said engagement points, the stretching forces comprising stretching forces applied in both the longitudinal dimension and the transverse dimension so as to thereby simultaneously stretch the hide (10) in both these dimensions and thereby open the hide structure throughout said surface area of the hide, and

fluid applying means (30, 35) operative to apply said chemical treatment fluid to the hide where the hide is in said stretched condition in both the longitudinal dimension and the transverse dimension so that the fluid penetrates into the opened hide structure.

(Compl. Specn. 23 pages; Drwgs. 2 sheets.)

Ind. Cl. : 172-D_4 174573

Int. Cl.[4] : D 01 H 13/16, 13/18.

AN APPARATUS FOR STOPPING FIBRE-MATERIAL FEED TO A PAIR OF ROLLS.

Applicant : MASCHINENFABRIK RIETER AG., A BODY CORPORATE ORGANISED UNDER THE LAWS OF SWITZERLAND OF WINTERTHUR, SWITZERLAND.

Inventor : WERNER OEGGERLI.

Application No. 481/Mas/89 filed on June 20, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

6 Claims

An apparatus for stopping fibre-material feed to a pair of rolls comprising a first driveable roll and a second roll defining a nip line, said second roll being driveable by contact with said first driveable roll, said apparatus comprising claimping means for defining a fibre-material clamping location with sadi second roll; said clamping means having a stand-by position and an operative position; said operative position defining a fibre-material retaining position; means for moving said clamping means approximately radially with respect to said second roll between said stand-by position and said fibre-material retaining position; said clamping means comprising a fibre-material guide element having at least one edge portion; and fibre-material guide element serving to guide the fibre-material into the nip line of said pair of rolls; means for mounting said fibre-material guide element for pivotable movement between said stand-by position and said fibre-material retaining position; and said fibre-material guide element comprising a fibre-material condenser having a converging guide passage.

(Compl. Specn. 24 pages; Drwgs. 3 sheets.)

Ind. Cl. : 173 A 174574

Int. Cl. : B 05 D 5/00, 1/16, 1/36.

A METHOD OF PRODUCING A PATTERNED FLOCKED WEB OF MATERIAL.

Applicant : UNIROYAL ENGLEBERT TEXTILCORD S.A., STEINFORT LUXEMBOURG. A COMPANY ORGANISED UNDER THE LAWS OF LUXEMBOURG.

Inventor : HERR GERHARD LENARDS.

Application No. 486/Mas/89 filed on 21 June 1989.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

5 Claims

A method of producing a patterned flocked web of material comprising using a carrier web in the form of a textile web, the surface of which is provided with a printed pattern, applying a layer of a transparent adhesive completely covering the said patterned surface, covering said adhesive layer with light, flock having at least one color to a predetermined extent by an electrostatic flock process followed by drying and fixing and removing excess flock to obtain a patterned flocked web of material with the pattern of the web standing out from the background ni a muted and softened manner.

(Compl. Specn 12 pages: Drwgs. 3 sheets.)

Ind. Cl. : 152-E 174575

Int. Cl.[4] : C 08 C 59/00.

A PROCESS FOR PRODUCING A BIODEGRADABLE PLASTIC COMPOSITION.

Applicant : BATTELLE MOMORIAL INSTITUTE, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, U.S.A., OF 505 KING AVENUE, COLUMBUS, OHIO 43201, U.S.A.

Inventors : (1) RICHARD G. SINCLAIR,
(2) JOSEPH R. PRESTON.

Application No. 610/Mas/89 filed on August 16, 1989.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

6 Claims

A process for producing a biodegradable plastic composition comprising the steps of polymerising monomers of L and / or D lactide or mixtures thereof in the presence of a known polymerisation catalyst, monitoring the polymerisation reaction and collecting the polylactic acid. dispersing predetermined quantity of the unreacted monomers, if present in the reaction mixture, intimately with the polylactic acid as a plasticizer and optionally adding a plasticizer selected from L/ lactide, D- lactide, meso D, L-lactide, lactic acid, oligomers of lacude, oligomers of lactic acid and mixtures thereof and intimately dispersing the said plasticizer with the polylactic acid.

(Compl. Specn. 89 pages; Drwgs. 11 sheets.)

Ind. Cl. : 172 Cl. 174576

Int. Cl.[4] : D 01 G 15/78.

A REVOLVING FLAT ARRANGEMENT FOR A CARDING MACHINE.

Applicant : MASCHINENFABRIK RIETER AG, of CH-8406 WINTERTHUR, SWITZERLAND, A BODY CORPORATE ORGANISED UNDER THE LAWS OF SWITZERLAND.

Inventor : HEINZ NITSCHKE, WERNER HAUSCHILD.

Application No. 721/Mas/89 filed on 27th September 1989.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

13 Claims

A revolving flat arrangement for a carding machine comprising an endless loop of flats for disposition over a carding cylinder; and a suction tube within and extending across the width of said loop at one end of said loop, said suction tube having a slot extending across the width of said flats to define a supply channel directed tangentially of said tube for drawing a flow of air there into and an outlet opening at one end for exhaust of the drawn—in air.

(Compl. Specn. 16 pages; Drwgs. 3 sheets.)

Ind. Cl. : 172-C_3 174577

Int. Cl.[4] : D01 G 9/08.

A CLEANING MACHINE FOR TEXTILE FIBRES CONVEYED IN A CURRENT OF DELIVERY AIR.

Applicant : MASCHINENFABRIK RIETER AG., A BODY CORPORATE ORGANISED UNDER THE LAWS OF SWITZERLAND, OF CH-8406 WINTERTHUR, SWITZERLAND.

Inventor : RENE SCHMID.

Application No. 914/Mas/89 filed on December 11, 1989.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

25 Claims

A cleaning machine for textile fibres conveyed in a current of delivery air, the machine comprising a casing, a horizontal roller rotatably supported in the casting and fitted with beater elements, at least one bar grate on the underside of the roller, an inlet for passing a current of delivery air and textile fibres into a space surrounding the roller located at one end of the roller, an outlet located at the other end of the roller, and transfer chambers located between the inlet and the outlet, the transfer chambers being defined by deflector plates which form an acute ascending angle with a plane

which is perpendicular to an axis of rotation of the roller, the transfer chambers also being defined by spaced-apart side walls and at least one covering wall therebetween, each of the transfer chambers deflecting the delivery air passing around the roller a distance in an axial direction parallel to the roller axis, the deflector plates comprising at least four deflector plates which define at least three of said transfer chambers.

(Compl. Specn. 14 pages; Drwg. 1 sheet.)

Ind. Cl. : 34-A 174578

Int. Cl.[4] : H 01 F 10/00.

A COMPOSITE POLYESTER FILM AND PROCESS FOR OBTAINING THE SAME.

Applicant : RHONE-POULENC FILMS, A FRENCH BODY CORPORATE, OF 25, QUAI PAUL DOUMER, 92408 COURBEVOIE, FRANCH.

Inventors : (1) JEAN-FRANCOIS FIARD.
(2) ETIENNE FLEURY.
(3) DOMINIQUE GERWIG.
(4) SYLVIANNE TRAVERSIER.
(5) LOUIS VOVELLE.

Application No. 935/Mas/89 filed on December 20, 1989.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

23 Claims

A composite polyester *film* capable of being employed particularly as a substrate or all magnetic coating, consisting of an oriented polyester *film* with roughness R_a lower than or equal to 0.01 μm, free from inorganic particles and having smooth faces and coated on at least one face with a coating of thickness lower than or equal to 40 μm, intended to impart good slip and good abrasion resistance, consisting of a modified *polymer* optionally containing from 0.1 to 15% by weight of at least one cross linking agent which is a phenolformaldehyde resin or an amine-formaldehyde resin up to 8% by weight of substantially spherical polymeric filler with a mean diameter of less than 0.2 μm the said modified polymer being an aqueous-phase radical polymerization product of at least one acrylic monomer optionally combined with at least one crosslinking monomer in the presence of at least 5% up to 60% of a water-dispersible polyester by weight of the dispersible polymer/acrylic (co)polymer total, containing a plurality of units derived from at least one aliphatic diol and a plurality of units derived from at least two carboxylic acids one of which contains at least one sulphonyloxy group per molecule of formula :

$$(-SO_3^-)_nM \qquad (I)$$

in which :—n is 1 or 2, and

— M denotes a hydrogen atom, an alkali or alkaline earth metal cation, an ammonium cation or a quaternary ammonium cation.

Process for obtaining composite polyester film according to any one of claims 1 to 17 which comprises coating at least one face of an oriented polyester substrate film with an aqueous composition of modified polymer and removing the water by known means.

(Compl. 44 Claims)

Ind. Cl. : 143-D_4 174579

Int. Cl.[4] : F 28 F 25/00.

A FILL SHEET SUITABLE FOR MAKING PACKING DEVICES IN AN INSTALLATION FOR BRINGING A LIQUID AND A GAS INTO CONTACT IN COUNTERFLOW.

Applicant : HAMON-SOBELCO S.A., A BELGIAN COMPANY, OF RUE CAPOUILLET, 50—58, B-1060, BRUSSELS, BELGIUM.

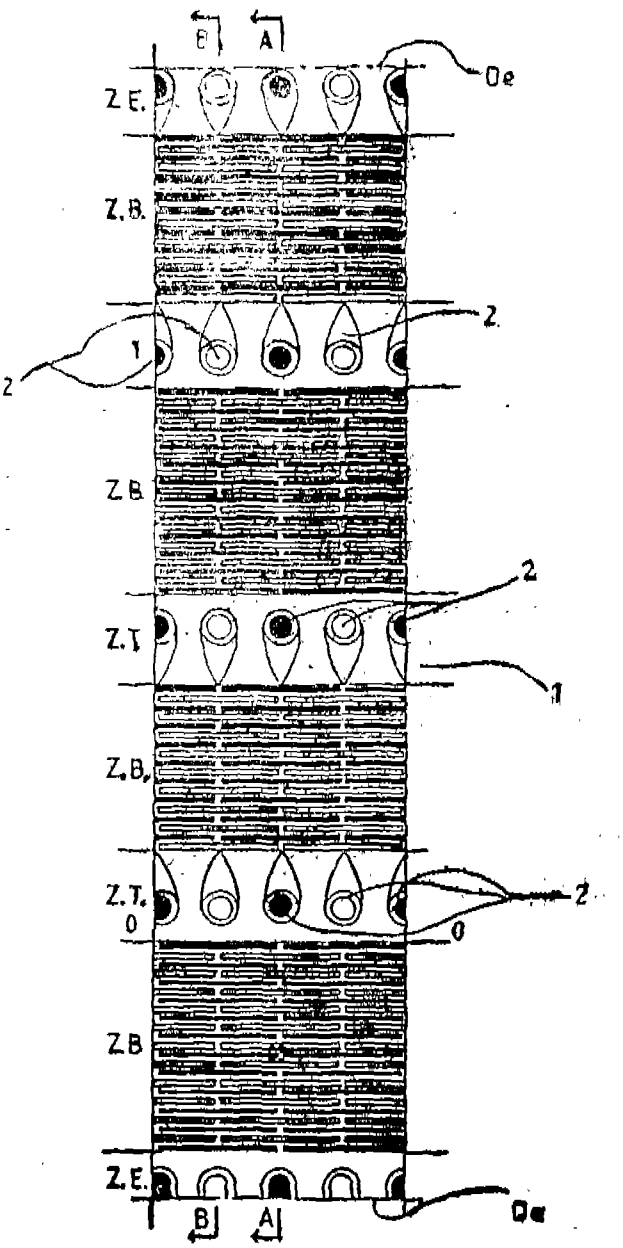
Inventor : MICHEL WILLY JEAN PAUL RENE MONJOIE.

Application No. 201/Mas/90 filed on March, 19,1990.

Appropriate Office for Opposition Proceeding (Rule Patents Rules, 1972), Patent Office, Madras Branch.

6 Claims

A fill sheet suitable for making packing devices in an installation for bringing a liquid and a gas into contact in counterflow the said fill sheet comprising an alternating series of basic corrguated zone (ZB) and transitional zones (ZT) provided with projections (2) for bracing and fastening together the sheets, the basic zones (ZB) having two types of corrugations, namely primary corrugations with a sinusoidal waveform, the peak lines of which extend in the vertical direction as defined above, the primary corrguations of one basic zone (ZB) being offset each time by half a wavelength relative to those of the neighbouring basic zone, and secondary corrugations with a much smaller wavelength than the primary corrugations on which they are superposed intersectingly, the above mentioned projections (2) being arranged aligned with the peaks of the primray corrguations, protruding alternately from either side of the sheet along interzonal lines arranged horizontally when the sheet is in service.



(Compl. Specn. 18 pages; Drwgns. 7 sheets.)

Ind. Cl. : 55-F 174580

Int. Cl.[4] : A 61 K 35/14

AN IMPROVED METHOD AND A DEVICE FOR PROCESSING A PLATELET-CONTAINING BIOLOGICAL FLUID TO OBTAIN PLATELET RICH FRACTION

Applicant : PALL CORPORATION, A CORPORATION UNDER THE STATE OF NEW YORK, U.S.A., OF 2200 NORTHERN BOULEVARD, EAST HILLS, NEW YORK 11548, U.S.A.

Inventors : (1) DAVID B. PALL (2) THOMAS C. GSELL

Application No. 155/MAS/93 filed on 2nd March, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

19 Claims

An improved method of processing a platelet containing biological fluid, such as blood, to obtain platelet rich fraction, comprising the steps of : separating the biological fluid into a supernatant layer and a sediment layer by differential sedimentation such as centrifugation; and passing the supernatant layer through a porous filter medium having zones of different density, till the filter is blocked, to remove red cells therefrom to obtain the platelet rich fraction.

A device for processing a platelet-containing biological fluid, such as blood, to obtain platelet rich fraction according to the method as claimed in any one of the preceding claims, comprising means for separating the biological fluid into a supernatant layer and a sediment layer and a porous filter medium having zones of different density to block red cells while allowing the platelets to pass through.

Comp. specn. 36 pages; Drwg. 2 sheets

Ind. Cl. : 32 E 174581

Int. Cl.[4] : C 08 F 8/00

A METHOD OF PRODUCING STABILIZED OXYMENTHYLENE COPOLYMER.

Applicant : UBE INDUSTRIES LIMITED 12-32, NISHIICNMACHI, 1-CHOME, UBE-SHLL YAMAGUCHI, JAPAN AND HITACHI LIMITED 4-6, KANDA-SURUGADAI, CHIYODA-KU-TOKYO, JAPAN, BOTH JAPANESS CORPORATION.

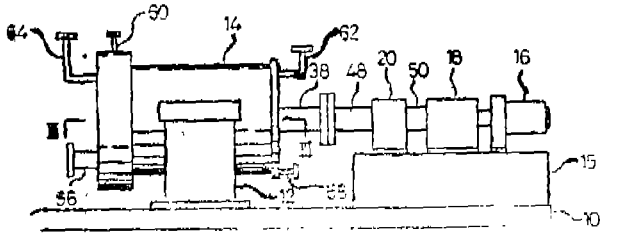
Inventors : (1) TADAMI INABA, (2) EIYOAKI TOKUNAGA. (3) CHOJI SEKT.

Application No. 409/Mas/89 filed on 23rd May, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

10 Claims

A method of producing stabilised oxymathylene copolymer comprising the stops of feeding oxymethylene copolymer with the unstabilised end portions to a degassing apparatus heating the same to a temporature not higher than 275°C and at a pressure of 0.1 to 760 mm Hg in the presence of a thermal stabiliser consisting a blend containing 0.001 to 2 parts by weight each of an alkali metal salt or an alkali earth metal salt of nitrotriacetic acid or ethylenediaminetetraacetic acid, a phenol antioxidant, a hydroxide of an alkali earth metal and a trivalent organic phosphorus compound per 100 parts by weight of said oxymethylene copolymer with the unstabilised end portion, wherein the retention time maintained in the degassing apparatus is at least one miniute.



Comp. Specn. 27 pages; Drg. 3 sheets

Ind. Cl. : 32-E 174582

Int. Cl.[4] : C 08 F 220/06

A PROCESS FOR PREPARING A COPOLYMER.

Applicnt : MINNESOTA MINING AND MANUFACTURING COMPANY, A CORPORATION OF THE STATE OF DELAWARE, U.S.A., OF 3M CENTER, SAINT PAUL, MINNESOTA 551/44-1000, U.S.A.

Inventors : (1) MILTON HENRY ANDURS, JR. (2) ROGER ALAN OLSEN (3) MAHFUZA BEGAM ALI.

Application No. 494/Mas/89 filed on 26th June 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

6 Claims

A method of making a copolymer comprising the steps : (a) mixing (1) an iniferter represented by the general formula $I(T)_n$ capable upon being subjected to an appropriate energy source of forming free radicals $I(.)_n$ and nT. wherein n is an integer of at least 2, I, is a highly reactive free radical capable of initiating free radical polymerization, and T is a less reactive free radical which is generally much less capable of initiating free radical polymerization then I. but will rejoin with I(.) or a free radical polymer segment free radically polymerized with $I(.)_n$ upon termination of said energy source and (2) a first monomer charge selected from the group consisting of (i) acrylic monomer polymerizable to form an acrylic polymer block having a glass transition temperature of less than 0°C and (ii) monomer polymerizable to form a thermoplastic polymer block having a glass transition temperature of at least 50°C which is free radically polymerizable in the presence of $I(.)_n$ to form a first polymer block;

(b) exposing the mixture of (a) to an energy source capable of forming free radicals $I(.)_n$ and nT.;

(c) maintaining the exposure of (b) until said first monomer charge polymerizes with $I(.)_n$ to form a free radical polymer segment represented by the formula $(IB.)_n$ wherein B represents said first polymer block formed of said first monomer charge;

(d) terminating said exposure whereby to cause $I(B.)_n$ and nT. to combine to form a polymer represented by the formula $I(BT)_n$;

(e) mixing $I(BT)_n$ with a second acrylic monomer charge which is the member of the group consisting of monomer (i) and monomer (ii) which was not selected as said first monomer comprising monomer which is free radically polymerizable in the presence $I(B.)_n$ to a second polymer block;

(f) exposing $I(BT)_n$ to an energy source capable of forming free radicals $I(B.)_n$ and nT.;

(g) maintaining the exposure of (f) until said second monomer charge polymerizes with $I(B.)_n$ to form a free radical block copolymer segment represented by the formula $I(BA.)_n$ wherein A represents said second polymer block formed of said second monomer charge; and

(h) terminating the exposure of (f) whereby $I(BA.)_n$ and nT. combine to form a block copolymer represented by the formula $I(BAT)_n$.

Comp. specn. 27 pages.

Ind. Cl. : 205G 174583

Int. Cl.[4] : B 62 D 55/18

A GROUND ENGAGING MEANS SUCH AS A WHEEL OR AN ENDLESS TRACK FOR A VEHICLE

Applicant : ALTRACK LIMITED A COMPANY INCORPORATED IN THE STATE OF WESTERN AUSTRALIA, 97 OUTRAM STREET, WEST PERTH, IN THE STATE OF WESTERN AUSTRALIA, COMMONWEALTH OF AUSTRALIA.

Inventor : PHILLIP JOHN ROLLINSON.

Application No. 539/Mas/89 filed on 18th July, 1989 Convention dated 19-7-88 No. PI 9369 Australia.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

18 Claims

A ground engaging means such as a wheel or an endless track for a vehicle comprising a base and a plurality of ground engaging elements mounted in side-by-side relationship on the base, each element being resiliently deformable in use by the load imposed thereon and comprising an inner portion bearing on the base to transmit ground-engaging loads to the base, an outer portion having an outer surface for engaing the ground, the outer portion being positioned in an outward direction away from the base and in facing spaced relationship to the inner portion, deformable side walls positioned in facing spaced relationship to each other and extending between the inner and outer portions, and a cavity included between the inner and outer element portions and the side walls, the cavity being open to atmosphere, characterised in that the deformable side walls of each element are constructed for deformation in directions laterally outwardly of the cavity and further characterised in that the elements are mutually supportive during ground engagement, ground engagement loads on one element being resiliently transmitted outwardly of its cavity to neighbouring elements.

Comp. Specn. 15 pages; Drg. 4 sheets

Ind. Cl. : 32-E 174584

Int. Cl.4 : C 08 G 14/00

A PROCESS FOR PREPARING A POLYOL

Applicant : THE DOW CHEMICAL COMPANY, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, U.S.A. OF 2030 DOW CENTRE, ABBOTT ROAD, MIDLAND, MICHIGAN 48640, U.S.A.

Inventors : (1) JOHN E. MARUGG (2) MICHAEL A.P. GANSOW (3) JOHN A. THOEN

Application No. 552/Mas/89 filed on 26th July 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

7 Claims

A process for preparing a polyol comprising reacting a Mannich condensate with 0.5 to 5 moles of an alkalene oxide per hydroxyl group of the said condensate, the said alkalene oxide selected from ethylene oxide, propylene oxide and mixtures thereof; wherein the said Mannich condensate is prepared by reacting at a temperature of from 30 to 100°C, (a) a phenol or an inertly substituted phenol, (b) formaldehyde, and (c) an amine reactant characterized in that the amine reactant is a mixture of (i) diethanolamine and (ii) at least another alkanolamine which is not a diethanolamine, wherein the weight ratio of diethanolamine to the other alkanolamine being from 1 : 19 to 19 : 1, and wherein components (a) and (b) are present in a molar ratio of from 1 : 0.9 to 1 : 3.5 and components (b) and (c) are present in a molar ratio of 1 : 0.75 to 1 : 1.5.

Comp. specn. 26 pages.

Ind. Cl. : 32-E 174585

Int. Cl.4 : C 08 G 14/00

A PROCESS FOR PREPARING A POLYOL

Applicant : THE DOW CHEMICAL COMPANY, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, U.S.A., OF 2030 DOW CENTER, ABBOTT ROAD MIDLAND, MICHIGAN 48640, U.S.A.

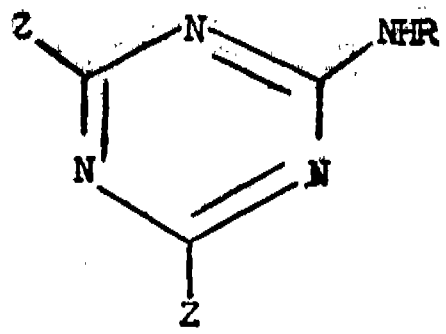
Inventors : (1) JOHN EDWIN MARUGG (2) JOHN ARTHUR THOEN (3) MICHAEL A P. GANSOW

Application No. 553/Mas/89 filed on 26th July 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

5 Claims

A process for preparing a polyol from a condensation produc obtained by condensing an amino-substituted s-triazine, represented by the structure :



wherein R is independently hydrogen, inertly substituted aryl or unsubstituted or inertly substituted alkyl and each Z is independently NR_2, hydrogen or unsubstituted or inertly substituted alkyl; with 0.9 to 3.5 mol of formaldehyde and from 0.75 to 1.5 mol of at least one alkanolamine per mol of formaldehyde, alkoxylating the said condensate by reacting the same at a temperature in the range of 50 to 180°C with 0.5 to 2.5 mols of alkylene oxide per hydroxyl group of the condensate wherein the alkylene oxide is ethylene oxide, propylene oxide, butylene oxide or mixtures thereof.

Comp. specn. 29 pages

Ind. Cl. : 40 B 174586

Int. Cl.4 : B 01 J 29/04

A HYDROCRACKING PROCESS.

Applicant : CHEVRON RESEARCH AND TECHNOLOGY COMPANY A CORPORATION OF THE STATE OF PENNSYLVANIA, U.S.A. OF 555 MARKET STREET SAN FRANCISCO CALIFORNIA 94120-7141 U.S.A.

Inventors : (1) RICHARD D BEZMAN, (2) DENNIS R CASH.

Application No. 565/Mas/89 filed on 31st July 1989.

Appropiate Office for Opposition Proceedins (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

5 Claims

A hydrocracking process comprising contacting a hydrocarbon with hydrogen in the presence of a catalyst comprising an inorganic oxide component selected from alumina, silica, magnesia zirconia, bervlia, titania, or a mixture of two or more of these, a Y zeolite component and hydrogenation component such as herein described, wherein the said Y zeolite component has a number average crystal size of less than about 0.5 micron.

Comp. specn. 22 pages; Drg. 1 sheet

Ind. Cl. : 201-C 174587

Int. Cl.4 : C 02 F 1/68

A PROCESS FOR REMOVING HYDROXYLAMMONIUM SALTS FROM WASTEWATER CONTAINING HYDROXYLAMMONIUM SALTS.

Applicant : BASF AKTIENGESELLSCHAFT, A GERMAN JOINT STOCK COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF THE FEDERAL REPUBLIC OF GERMANY, OF 6700 LUDWIGSHAFEN, FEDERAL REPUBLIC OF GERMANY.

Inventors : (1) HUGO FUCHS (2) DAVID AGAR.

Application No. 697 Mas 89 filed on 29th September 1989

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

5 Claims

A process for removing hydroxylammonium salts from wastewater containing hydroxylammonium salts, comprising the steps of treating a wastewater containing hydroxylammonium salts with not less than 0.5 mole of manganese (IV) oxides per mole of hydroxylammonium salt, calculated as hydroxylamine at a pH of from 1 to 4 and at from 10 to 100°C to obtain water free of hydroxylammonium salt.

Comp. speen. 9 pages.

Intd. Cl. : 172-D_2 171588

Int Cl.[4] : B 65 H 54/22

AUTOMATIC WINDING MACHINE

Applicant : MASCHINENFABRIK RIETER AG., A BODY CORPORATE ORGANISED UNDER THE LAWS OF SWITZERLAND, OF CH-8406 WINTERTHUR, SWITZERLAND.

Inventors : (1) PETER BUSENHART (2) HEINZ MUTTER

Application No. 709/Mas/89 filed on 25th September 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

9 Claims

Automatic winding machine with at least two chucks can-thever mounted on a revolver and with a means for introduction of the thread into the catcher slot of an empty bobbin tube during the changing operation from the full bobbin to an empty bobbin and with a thread guide for the formation of a ridge on the surface of the full bobbin, characterized by a movable thread deflector (21) for movement into the path of the thread between the empty tube (11) and the full bobbin (13) with a recess (27) and a thread diverter (31) arranged laterally relative to the recess and movable to cause axial movement of the thread (17) along a curve (29) of the recess (27) over the catcher slot (19) in the empty tube (11) with the simultaneous retention of the thread on the full bobbin (13).

Comp. speen. 11 pages; Drg. 4 sheets

Ind. Class. 40 F 174589

Int. Class.[4] B 01 J 20/00

A PROCESS FOR THE PRODUCTION OF AN ALUMINA-BASED ADSORBENT.

Applicant : RHONE-POULENC CHIMITE A FRENCH BODY CORPORATE OF 25 QUAI PAUL DOUMER 92408 COURBEVOIC FRANCE.

Inventors : 1. ERIC GARCIN, 2. CLAUDE BERNARD CARTIER, 3. ERIC QUEMERE.

Application No. 915/Mas 89 filed on 11th December 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madrs Branch.

10 Claims

A process for the production of an alumina—based adsorbent for olefin purification containing at least one compound selected from an oxide, a hydroxide, salt of an alkali metal, salt of an alkaline earth metal and a mixtures thereof, the total amount of such metal (s) being from 15 to 100 milimoles per 100 g of alumina the said process compriising the setp of impregnating an alumina having a specific surface of atleast 50m^2/g with a solution containing the said compound drying the impregnated alumina and subsequently heating the dried alumina under known conditions for stabilizing surface.

Comp Speen. 10 pages; No Drg

Int. Class : 55-D^2 174590

Int. Cl.[5]-A 01 N 47 00

A PROCESS FOR PREPARING A STABLE WATER SOLUBLE ANTIMICROBIAL COMPOSITION.

Applicant : THE GRTEN CROSS CORPORATION, A JAPANESE COMPANY OF 3-3, IMABASHI 1-CHOME, CHUO-KU, OSAKA-SHI, OSAKA 541 JAPAN.

Inventors : (1) ASAMI TAKATA
(2) YUICHI MIZUKAMI
(3) SHOKO NUMATA
(4) YASUSHI SEKIYAMA
(5) MASATO TAKAHASHI

Application No. 127 Mas/93 filed on 19th February 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Madras Branch.

6 Claims

A process for preparing a stable water soluble antimicrobial composition with increased water dissolution speed, comprising admixing 1 part by weight of alkyl isothiocyanate with 1 to 100 parts by weight of polyhydric alcohol optionally containing an aldehydic group or a ketonic group.

Comp. speen. 27 pages: Drg. 1 sheet

Cl. 172 D; 34 A. 171591

Int Cl.[5] D 01 D 5/06

PROCESS FOR PREPARING FILAMENTS FROM A SOLUTION OF POLYMER.

Applicant : E.I. DU PONT DE NEMOURS AND COMPANY OF WILMINGTON DELAWARE, UNITED STATES OF AMERICA.

Inventor : DAVID WILSON LUCKEY.

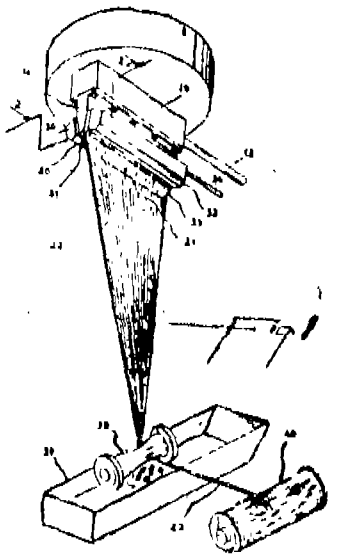
Application No. 692/Cal/1898 filed on 24th Auguts, 1989.

Appropriate office for opposition Proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

10 Claims

A process for preparing filaments from a solution of polymer by extruding the solution through linearly arranged apertures in a spinneret to form a vertical warp of filaments travelling at a first valocity downwardly through an air gap, jetting opposed sheets of coagulating liquid at a second velocity from each side of said warp at an angle with said warp

to meet at a common line across the width of the warp below the face of the spinneret, each of said sheets of liquid being wider than said warp at said common line, said second velocity having a vertically downward component that is from 20% to 99% of said first velocity.



Compl. specn. 18 pages; Drgns. 2 sheets

Cl. 155-F-1&2. 174592

Int. Cl. E 02, D 71/00.

IMPROVEMENTS IN/OR RELATING TO A METHOD OF RESTORING DAMAGED CONCRETE SURFACES AND/OR COMPONENTS.

Applicant : PROJECTS & DEVELOPMENT (INDIA) LTD. OF P.O. SINDRI, DHANBAD, BIHAR, INDIA.

Inventors : (1) VIDYA SAGAR GUPTA,
(2) DR. PANKAJ KUMAR GHOSH,
(3) MR. DEV KUMAR GUHA SARKAR.

Application No. 118/Cal/90; filed on 06th February, 1990.

Complete Specification left on 07th May, 1991.

Appropriate office for opposition Proceedings (Rule 4, Patent rule 1972), Patent Office, Calcutta.

13 Claims

A method for resorting damaged concrete surfaces/components, which comprises subjecting to thorough mixing an organic liquid solution of a modified epoxy resin of such variety having epoxy equivalent of 170 to 210 units and having a viscosity of about 8,000 to about 15,000 millipascal second (mPaS) at 30°C, and an organic liquid solution of amidopolyamine, carrying out the mixing under constant stiring and thereafter, applying the said mixture so obtained on the required damaged surfaces/components and following up by applying the fresh concrete mix on the said layer.

Compl. specn. 14 pages; Prov. specn. 8 pages.

Cl. 27 A. 174593

Int. Cl.[5] E 01 D 15/00

PORTABLE BRIDGE AND SYSTEM FOR LAYING THE BRIDGE.

Applicant : KRUPP INDUSTRIETECHNIK GBMH, OF FRANZ-SCHUBERT-STR. 1-3, D-4100 DUISBURG 14, WEST GERMANY.

Inventor : HANS-NORBERT WIEDECK.

Application No. 319/Cal/1990; filed on 18th April 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent rule 172), Patent Office, Calcutta.

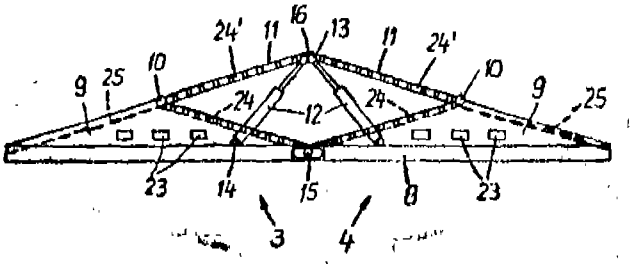
13 Claims

A portable bridge comprising :

atleast one bridge section having an upper face with a roadway thereon and a hinge having a horizontal axis perpendicular to the longitudinal direction of the bridge; and

a lower chord fixed to and extending along the length of said bridge section, said bridge section including a roadway section disposed in an end region of said bridge section and pivotally attached at said hinge.

FIG. 4



Compl. specn. 15 pages; Drg. 6 sheets

Cl. 32 C; 40-A1; 40-F. 174594

Int. Cl. B 01 J 12/00; C 30 B 25/00.

A METHOD OF PREPARING ISOTOPICALLY PURE SINGLE-CRYSTAL DIAMOND.

Applicant : GENERAL ELECTRIC COMPANY, OF 1 RIVER ROAD, SCHENECTADY 5, NEW YORK, UNITED STATES OF AMERICA.

Inventors : (1) THOMAS RICHARD ANTHONY,
(2) WILLIAM FRANK BANHOLZER,
(3) JAMES FULTON FLEISCHER.

Application No. 361/Cal/1990; filed on 02nd May, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent rule 172), Patent Office, Calcutta.

15 Claims

A method for preparing isotopically pure single-crystal diamond which comprises the steps of :

A. depositing a layer of diamond on a substrate material suitable for diamond deposition thereon by a chemical vapor deposition method comprising low pressure activation of a mixture of hydrogen and a hydrocarbon consisting of isotopically pure carbon-12 or carbon-13;

B. removing and comminuting said diamond layer;

C. Converting the comminuted diamond to single-crystal diamond by diffusion under high pressure through a metallic catalyst-solvent material to a region containing a diamond seed crystal, the pressure of said material is in the range of 50,000—60,000 atmospheres and temperature is in the range of about 1300—1500°C.

Compl. specn. 13 pages; Drg. Nil

Cl. 194 C 1. 174595

Int. Cl.[4] H 01 J 29/02.

"AN ASSEMBLING STRUCTURE FOR AN INNER MAGNETIC SHIELD AND A SHADOW MASK FRAME IN A CATHODE RAY TUBE".

Applicant : SAMSUNG ELECTRON DEVICES CO. LTD. OF 575, SHIN-RI, TAEAN-EUB, HWASEONG-GUN KYUNGGI-DO, REPUBLIC OF KOREA.

Inventors : (1) SE-JIN KIM, AND

(2) DO-HEUM LEE.

Application No. 757/Cal/1990; filed on 03rd September, 1990;

Appropriate office for opposition Proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

claims 3

An assembling structure for an inner magnetic shield and a shadow mask frame in a cathode ray tube, characterized in that said structure comprises :

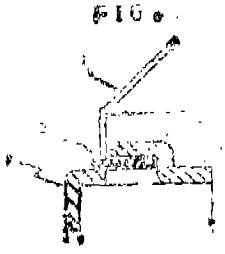
a plurality of flat portions provided at the peripheral edge of the magnetic shield, said flat portions facing the shadow mask frame;

a plurality of lugs each of which is corresponding with each of said flat portions, said lugs first projecting from the peripheral surface of the frame towards said inner magnetic shield, and then bending inwardly towards the frame interior or outwardly towards the periphery of the frame, to form the shape of a numeral "7";

each of said flat portions being resiliently fitted between each corresponding lug and said frame.



FIG 2



Compl. specn. 8 pages Drgns. 3 sheets.

Cl. 55 B-3 & F. 174596

Int. Cl.[4] B 65 55/02

"STERILIZER TEST PACK".

Applicant : JOHNSON & JOHNSON MEDICAL, INC. OF ONE JOHNSON & JOHNSON PLAZA, NEW BRUNSWICK, N. J. 08933, UNITED STATES OF AMERICA.

Inventor : SZU-MIN LIN.

Application No. 829/Cal/1990; filed on 24th September, 1990;

Appropriate office for opposition Proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

claims 9

A test pack for a sterilization procedure wherein a sterilization atmosphere of active species is created and contacted with an object to be sterilized, comprising :

(a) a housing defining an inner valume and an opening for communication between said inner volume and the outside of said housing;

(b) a divider which divides said inner volume into two portions comprising :

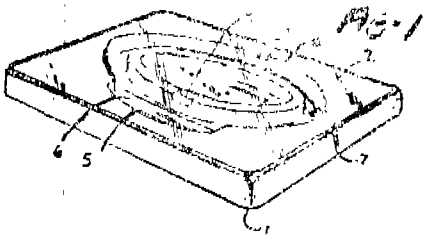
(i) a first portion of said inner volume defining a passage between said opening and said second portion of said inner volume; and

(ii) said second portion defining a blind reservoir having a communication port between said reservoir and said first portion;

(c) an absorber positioned within said passage to retard passage of said sterilization atmosphere therethrough during the sterilization procedure;

(d) a known chemical indicator within said housing and in communication with said passage to indicate contact of the indicator with the sterilization atmosphere; and

(e) a known biological indicator positioned within said reservoir, said biological indicator including microorganisms which are capable of being incubated to show whether the sterilization procedure was incomplete.



Compl. specn. 8 pages Drgns. 2 sheets.

Cl. 128 G 174597

Int. Cl.[4] B 05 C 5/02; B 05 D 1/26.

"IMPROVED COATED MEDICAMENTS AND APPARATUS AND METHODS FOR MAKING SAME".

Applicant : MCNEIL-PPC, INC. OF VAN LIEW AVENUE, MILLTOWN, N. J. 08850, UNITED STATES OF AMERICA.

Inventor : NORBERT I. BERTA.

Application No. 88/Cal/91; filed on 29th January, 1991.

Appropriate office for opposition Proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

claims 15

A method of obtaining a coated medicament comprising the following steps wherein,

(a) the first specimen of the medicament to be coated is retained in a retaining means such that a portion of the said first specimen downwardly protrudes from said retaining means for retaining product thereby refining a first end, another portion of the said first specimen having a coating,

(b) inserting a second specimen of the medicament to be coated into said retaining means with a portion of said second specimen protruding from said means thereby defining a second end, whereafter

(c) said first end of the first specimen is lowered into means for creating the desired coating, thereafter

(d) rotating said retaining means to cause said second end of the second specimen to be downwardly protruding,

(e) followed by lowering said second end into means for creating desired coating and, thereafter

(f) said retaining means is rotated to cause said first end now coated to be downwardly protruding

(g) subjecting said coated end to curing by transferring said retaining means to a curbing means and thereafter said second end of the second specimen is depressed until an uncoated portion of said second speciment protrudes in a manner similar to said first specimen,

whereby, said first specimen is coated and released from said means for retaining product and said second specimen remains held by said means for retaining a product.

Compl. specn. Drgns.

Cl. 102. D. 174598

Int. Cl.[5] F 01 B 3/02; 3/04.

"VARIABLE DISPLACEMENT BENT AXIS TYPE HYDRAULIC MACHINE".

Applicant : HATACHI CONSTRUCTION MACHINERY CO. LTD. OF No. 6-2, OHTEMACHI 2-CHAME, CHIYODA-KU, TOKYO 100, JAPAN.

Inventors : (1) SHIGETAKA NAKAMURA,
(2) TASUHARU GOTOH,
(3) EIKI IZUMI.

Application No. 172/Cal/1991; filed on 22nd February, 1991;

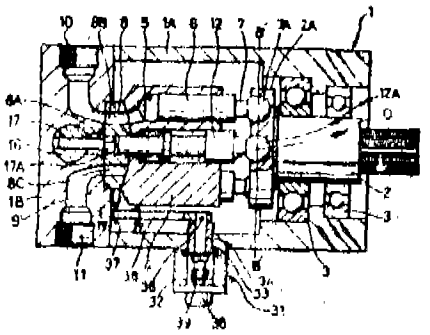
Appropriate office for opposition Proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

claims 3

A variable displacement bents axis type hydraulic machine including : a cylindrical casing provided with a head casing; a rotational shaft extended into said casing and formed with a drive disc at the inner end thereof, a cylinder block provided in said casing for rotation with said rotational shaft and axially bored with a plural number of cylinders; a plural number of pistons reciprocably received in the respective cylinders of said clinder block and each having one end thereof pivotally supported on said drive disc; a valve plate having one end face thereof held in sliding contact with said cylinder block and being rockable at the other end along a tilt-sliding surface on said head casing; a center shaft rotatably supporting said cylinder block between said valve plate and rotational shaft; and a tilt angle sensor mechanism adapted to detect the tilt angle of said valve plate with respect to said tilt-sliding surface;

characterized in that said tilt angle sensor mechanism comprises : a support shaft rotatably supported on side wall of said casing at a position deviated toward said valve plate from the pivoting point of said center shaft; a rocking lever having one end thereof securely fixed to said support shaft and the other and pivotally supported at one side of said support shaft as caused by rocking movement of said rocking lever,

Fig. 3



Compl. specn. 16 pages. Drgns. 4 sheets.

Cl. 128 G. 174599

Int. Cl.[4] B 05 C 5/02.

"AN APPRATUS FOR COATING A PLURALITY OF PRODUCTS FOR EXAMPLE, CAPSULES WITH A COATING LAYER".

Applicant : MCNEIL-PPC, INC. OF VAN LIEW AVENUE, MILLITOWN, N.J. 08850, UNITED STATES OF AMERICA.

Inventor : NORBERT IMRE BERTA.

Application No. 374/Cal/1992; filed on 29th May, 1992. (Divided out of No. 88/Cal/91; antedated to 29-01-1991)

Appropriate office for opposition Proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

claims 13

An apparatus for coating a plurality of products (10), for example, coating of such products like capsules, with a coating layer comprising a plurality of products retainer means (166) having a plurality of collet means (134), each having a plurality of longitudinal slots (133) adapted to hold said products (10) to be coated in a fixed orientation and wherein at least two such products are retained within the said retainer means (166) at a time and wherein ejection means (194) are provided for ejecting coated product from the apparatus.

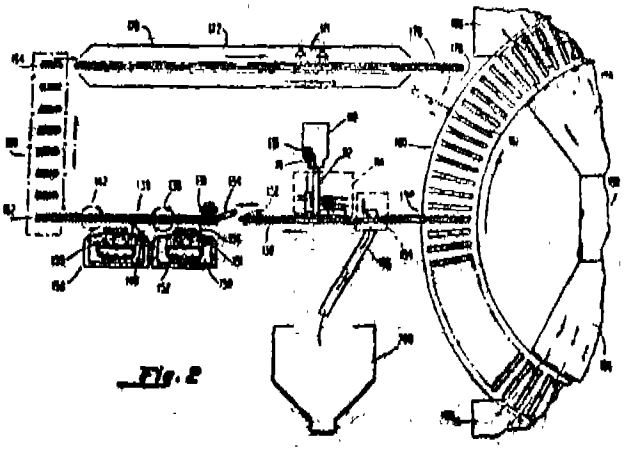


Fig. 2

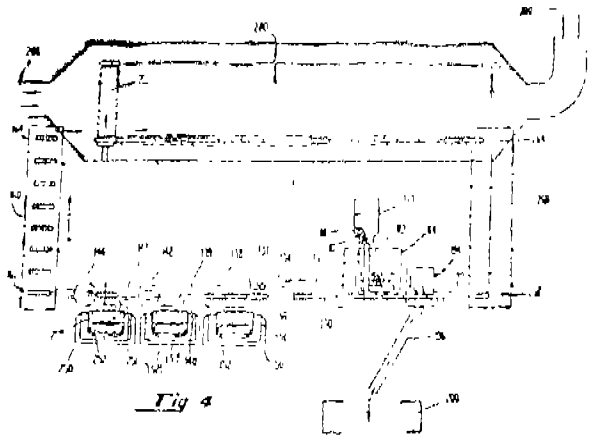


Fig 4

Compl. speen. 39 pages. Drgns. 7 sheets.

Cl. 128 G. 174600

Int. Cl. B 05 C 5, 02.

"APPARATUS FOR COATING A MEDICAMENT PRODUCT SUCH AS TABLET CAPSULE, PILL".

Applicant : MCNEIL-PPC, INC, OF VAN LIEW AVENUE, MILLITOWN, N. J. 08850, UNITED STATES OF AMERICA.

Inventor : NORBERT IMRI BERTA.

Application No. 376/Cal/1992; filed on 29th May, 1992; (Divided out of No. 88/Cal/91; actidated to 29-01-91)

Appropriate office for opposition Proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

41 Claims

Apparatus for coating a medicament product such as tablet, capsule, pill comprising :

(a) a plurality of plates (130) for receiving and retaining a plurality of the said product

(b) advancing means (190) for incrementally advancing the plates; and at least two coating tanks, partly protouding downwards from said plates

(c) the first tank (150) for retaining a first coating material;

(d) at least two dippers (136,140) the first dipper (136) for lowering at least one plate towards the said first coating tank (150) so as to dip the protruding part of the product into the said first coating material (151)

(e) a raiser for raising said lowered plate with the protruded portion of the product coated with said coating material; and

(f) at least two rotators, the first rotater (138) for rotating at least one of said plates having the partly coated product.

(g) the appratus optionally having means (131) for preheating the product.

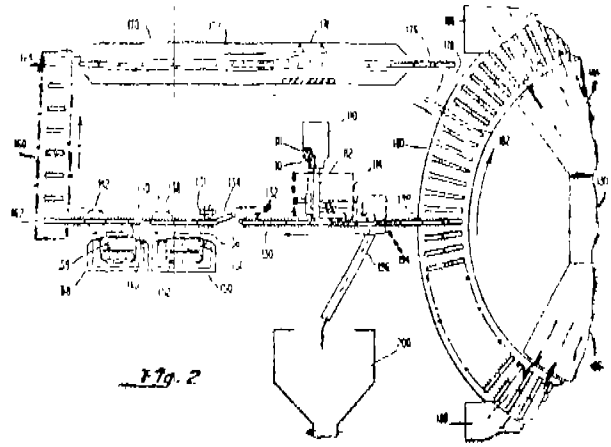


Fig. 2

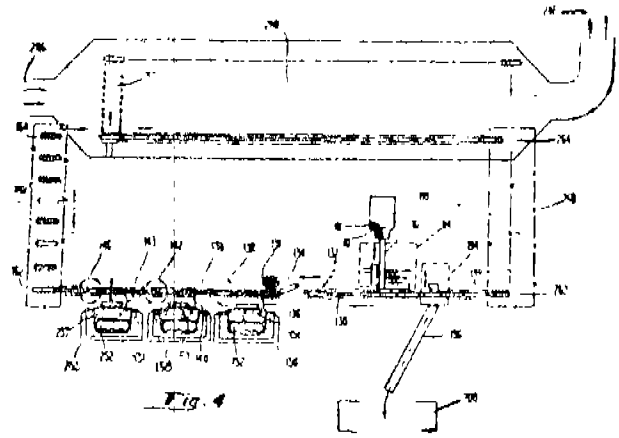


Fig. 4

Compl. speen 42 pages. Drgns. 7 sheets.

PATENT SEALED ON

16-12-1994

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173458*D 173460*D 173461 173463 173464 173465 173466
173467 173468 173469 173469 173470* 173472 173473

CAL-22, DEL-09, BOM-09, MAS-NIL.

*Patent shall be deemed to be endersed with the words LICENCE OF RIGHT under section 87 of the patents Act, 1970 from the date of expiration of three years from the date of sealing.

D—DRUG PATENT, F—FOOD PATENT.

RENEWAL FEES PAID

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RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 171170 granted to Dana Corporation, for an invention relating to "an improved compound shift lever.

The patent ceased on the 07th June, 1994 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 07th January, 1995.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta 700 020 on or before the 14th March, 1995 under Rule 69 of the Patents Rules, 1972. A Written Statement, in triplicate setting out the nature of the opponents interest, the facts upon which he based his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

REGISTRATION OF DESIGN

The following designs have been registered. They are not open to inspection for Period of two years from the date of registration except as provided for Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 1. No. 167857, Rajpath Research and holding, a proprietorship firm, at Choudhury Buildings, Bapuji Nagar, Bhubaneswar 751009, Orissa, India, VOLTAGE STABILIZER", 5th August 1994.

Class 3. No. 166815, T. T. LIMITED, an Indian company having its principal place of business at No. 78, Old Madras Road, Dooravaninagar, Bangalore 560016, Karnataka, Indian, "WEIGHING SCALE", 9th February 1994.

Class 3. No. 166453, Ashish Enterprises, Irani Building, 303, Cawasji St. Bombay 400002, Maharashtra, India, an Indian Partnership firm, "PENS", 1st November 1993.

Class 3. No. 166831, Ajanta Transistor Clock Mfg. Co., Orpat Industrial Estate, Rajkot Highway, Post Box No. 115, Morbi 363641, Maharashtra, India, an Indian partnership firm, "WALL CLOCK", 14th February 1994.

Class 3. No. 167856, Rajpath Research and Holding, a proprietorship firm, at Choudhri Building, Bapuji Nagar, Bhubaneswar 751009, Orissa, India, "VOLTAGE STABILIZER", 5th August 1994.

Class 3. No. 166788, Triveni Plastics at 698, Sadar Bazar, Delhi 110006, India, an Indian partnership firm, "FROOTI PACK", 4th February 1994.

Class 3. No. 167572, National Plastics, 91, Basant Avenue, Amritsar 143001, Punjab, a Proprietory firm, "SPRAY PUMP", Indian company, 30th May 1994.

Class 3. No. 167123, Dilip Shantaram Dahanukar, Industrial Assurance Building, Churchgate, Bombay 400020, Maharashtra, India, "MOTH TRAP", 28th March 1994.

Class 3. No. 166907. Motorola, INC., a corporation of the State of Delaware, located and doing business at corporate Offices, 1303, East Algonguin Rd., Schaumburg, Illinois, 60196, USA, "CHARGER FOR PORTABLE TELEPHONE BATTERIES", 2nd March 1994.

Class 4. No. 167139, Hindustan Sanitaryaware & Industries Ltd., an Indian company, Bahadurgarh 124507, Haryana, India, "SUPER CONSTELLATION EUROPEAN", 31st March 1994.

R. A. ACHARYA

Controller General of Patents, designs & trade marks

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